Amend. dated November 9, 2004

Response To Final Action Dated September 29, 2004

LISTING OF CLAIMS

This listing of claims sets forth all pending claims of the Application, and supersedes

all prior claims presented in the captioned application.

Claim 1. (currently amended) A dual slot valve for use in a semiconductor process cluster

tool architecture arrangement, the dual slot valve comprising:

a housing having a first side and a second side, the housing having a first slot at the

first side and a second slot at the second side for passing a substrate between a first module

and a second module, the first module being attached to the first side of the housing and the

second module being attached to the second side of the housing;

a first door being movably mounted within the housing to enable closure of the first

slot;

a second door being movably mounted within the housing to enable closure of the

second slot; and

a drive consisting of a single common actuator shaft connected to each of the first

and second doors for selectively and separately moving either of the first and second doors

to close the respective slot.

Claim 2. (previously amended) A dual slot valve for use in a semiconductor process cluster

tool architecture arrangement, the dual slot valve comprising:

a housing having a first side and a second side, the housing having a first slot at the

first side and a second slot at the second side for passing a substrate between a first module

and a second module, the first module being attached to the first side of the housing and the

second module being attached to the second side of the housing;

Amend. dated November 9, 2004

Response To Final Action Dated September 29, 2004

a first door being movably mounted within the housing to enable closure of the first

slot;

a second door being movably mounted within the housing to enable closure of the

second slot;

a common actuator connected to each of the first and second doors for selectively

and separately moving either of the first and second doors to close the respective slot,

wherein the common actuator has a central position, and wherein when the common actuator

is in the central position each of the first door and the second door is placed in an open

position that is spaced from and between each of the first slot and the second slot; and

a bias assembly for providing releasable forces to hold the common actuator in the

central position so that the first door and the second door are releasably held in the open

position.

Claim 3. (original) A dual slot valve for use in a semiconductor process cluster tool

architecture arrangement as recited in claim 2, further comprising:

a door drive unit for overcoming the releasable force and moving a selected one of

the first and second doors into the respective closed position, wherein the door drive

includes two separate drives, each of the separate drives being connected to the common

actuator.

Claim 4. (original) A dual slot valve for use in a semiconductor process cluster tool

architecture arrangement as recited in claim 3, wherein one of the two drives causes the

common actuator to jointly move the first and second doors along an extend-retract path to

and from the respective open positions, and wherein another of the two drives causes the

Amend. dated November 9, 2004

Response To Final Action Dated September 29, 2004

common actuator to overcome one of the releasable forces to move the one of the first and

second doors in a second path from the respective open position into the respective closed

position.

Claim 5. (original) A dual slot valve according to claim 3, wherein the door drive unit

discontinues overcoming the one releasable force when neither of the first and second doors

is to be in the respective closed position, and wherein the bias assembly is effective upon the

door drive unit discontinuing overcoming the releasable force to provide the releasable force

to hold the common actuator in the central position.

Claim 6. (original) A dual slot valve according to claim 2, wherein the common actuator has

opposite first and second sides, the bias assembly further comprising:

a separate resilient unit provided on each of the first and second sides of the common

actuator, each of the resilient units providing one of the releasable forces, the releasable

forces of the separate resilient units normally being in force equilibrium to hold the common

actuator in the central position so that the first door and the second door are releasably held

in the open position.

Claim 7. (previously amended) A dual slot valve for use in a semiconductor process cluster

tool architecture arrangement, the dual slot valve comprising:

a housing having a first side and a second side, the housing having a first slot at the

first side and a second slot at the second side for passing a substrate between a first module

and a second module, the first module being attached to the first side of the housing and the

second module being attached to the second side of the housing;

Amend. dated November 9, 2004

Response To Final Action Dated September 29, 2004

a first door being movably mounted within the housing to enable closure of the first

slot;

a second door being movably mounted within the housing to enable closure of the

second slot;

wherein the first and second doors are each elongated to overlap the respective slot

and have a center in the middle of a longer side of the doors; and

a common actuator connected to each of the first and second doors for selectively

and separately moving either of the first and second doors to close the respective slot,

wherein the common actuator is attached to the first door and to the second door at a

location that is at the center of each respective door.

Claims 8-20 (canceled)

Claim 21. (currently amended) A dual slot valve for use in a multi-chamber vacuum

system, the dual slot valve comprising:

a housing having a first side and a second side, the housing having a first slot at the

first side and a second slot at the second side for passing a substrate between a first chamber

and a second chamber, the first chamber being attached to the first side of the housing and

the second chamber being attached to the second side of the housing;

a first door being movably mounted within the housing to enable closure of the first

slot;

a second door being movably mounted within the housing to enable closure of the

second slot; and

Application No: 09/541,069 Amend. dated November 9, 2004

Response To Final Action Dated September 29, 2004

a drive consisting of a single common actuator shaft connected to each of the first and second doors and mounted for alternate first and second movement, the first movement being toward and away from the first slot and the second movement being simultaneous with the first movement and being away from and toward the second slot for selectively and separately moving either of the first and second doors to close the respective slot while the door that does not close a respective slot remains away from its respective slot.